

FOR CAR USE ONLY/NUR FÜR AUTOMOBIL GEBRAUCH/POUR APPLICATION AUTOMOBILE UNIQUEMENT/
PARA USO EN AUTOMÓVILES/SOLO PER L'UTILIZZO IN AUTOMOBILE/ENDAST FÖR BILBRUK/ALLEEN VOOR
GEBRUIK IN DE AUTO/ТОЛЬКО ДЛЯ ИСПОЛЬЗОВАНИЯ В АВТОМОБИЛЯХ/DO UŻYCIA TYLKO W
SAMOCHODZIE/ΓΙΑ ΧΡΗΣΗ ΜΟΝΟ ΣΕ ΑΥΤΟΚΙΝΗΤΟ



IN-DASH APP/DVD RECEIVER

ICS-X8

QUICK REFERENCE GUIDE

Kurzanleitung

GUIDE DE RÉFÉRENCE RAPIDE

GUÍA DE REFERENCIA RÁPIDA

GUIDA RAPIDA

SNABBGUIDE

SNELSTARTGIDS

КРАТКОЕ СПРАВОЧНОЕ РУКОВОДСТВО

SKRÓCONA INSTRUKCJA DLA UŻYTKOWNIKA

ΟΔΗΓΟΣ ΓΡΗΓΟΡΗΣ ΑΝΑΦΟΡΑΣ

EN

DE

FR

ES

IT

SE

NL

RU

PL

GR



DIVX MP3 AAC



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IMPORTANT

Please record the serial number of your unit in the space provided below and keep it as a permanent record.

SERIAL NUMBER: _____

ISO SERIAL NUMBER: AL _____

INSTALLATION DATE: _____

INSTALLATION TECHNICIAN: _____

PLACE OF PURCHASE: _____

For details on all functions, refer to the Owner's Manual stored in the supplied CD-ROM. (As it is data CD, the CD cannot be used for playing back music and images on the player.) If required, an ALPINE dealer will readily provide you with a print out of the Owner's Manual contained in the CD-ROM.

WARNING



WARNING

This symbol means important instructions. Failure to heed them can result in serious injury or death.

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions.

Failure to do so may result in an accident.

KEEP SMALL OBJECTS SUCH AS SCREWS OUT OF THE REACH OF CHILDREN.

Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISES WHILE DRIVING.

Excessive volume levels that obscure sounds such as emergency vehicle sirens or road warning signals (train crossings, etc.) can be dangerous and may result in an accident. LISTENING AT LOUD VOLUME LEVELS IN A CAR MAY ALSO CAUSE HEARING DAMAGE.

DO NOT DISASSEMBLE OR ALTER.

Doing so may result in an accident, fire or electric shock.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.

(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.

Failure to do so may result in fire or electric shock.

DO NOT BLOCK VENTS OR RADIATOR PANELS.

Doing so may cause heat to build up inside and may result in fire.

USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS.

Use for other than its designed application may result in fire, electric shock or other injury.

DO NOT PLACE HANDS, FINGERS OR FOREIGN OBJECTS IN INSERTION SLOTS OR GAPS.

Doing so may result in personal injury or damage to the product.

MAKE THE CORRECT CONNECTIONS.

Failure to make the proper connections may result in fire or product damage.

BEFORE WIRING, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL.

Failure to do so may result in electric shock or injury due to electrical shorts.

DO NOT SPLICE INTO ELECTRICAL CABLES.

Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.

When drilling holes in the chassis for installation, take precautions so as not to contact, damage or obstruct pipes, fuel lines, tanks or electrical wiring. Failure to take such precautions may result in fire.

DO NOT USE BOLTS OR NUTS IN THE BRAKE OR STEERING SYSTEMS TO MAKE GROUND CONNECTIONS.

Bolts or nuts used for the brake or steering systems (or any other safety-related system), or tanks should NEVER be used for installations or ground connections. Using such parts could disable control of the vehicle and cause fire, etc.

DO NOT INSTALL IN LOCATIONS WHICH MIGHT HINDER VEHICLE OPERATION, SUCH AS THE STEERING WHEEL OR SHIFT LEVER.

Doing so may obstruct forward vision or hamper movement etc., and results in serious accident.



CAUTION

This symbol means important instructions. Failure to heed them can result in injury or material property damage.

HALT USE IMMEDIATELY IF A PROBLEM APPEARS.

Failure to do so may cause personal injury or damage to the product. Return it to your authorized Alpine dealer or the nearest Alpine Service Center for repairing.

HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS.

The wiring and installation of this unit requires special technical skill and experience. To ensure safety, always contact the dealer where you purchased this product to have the work done.

USE SPECIFIED ACCESSORY PARTS AND INSTALL THEM SECURELY.

Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit internally, or may not securely install the unit in place. This may cause parts to become loose resulting in hazards or product failure.

ARRANGE THE WIRING SO IT IS NOT CRIMPED OR PINCHED BY A SHARP METAL EDGE.

Route the cables and wiring away from moving parts (like the seat rails) or sharp or pointed edges. This will prevent crimping and damage to the wiring. If wiring passes through a hole in metal, use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST.

Avoid installing the unit in locations with high incidence of moisture or dust. Moisture or dust that penetrates into this unit may result in product failure.

Getting Started

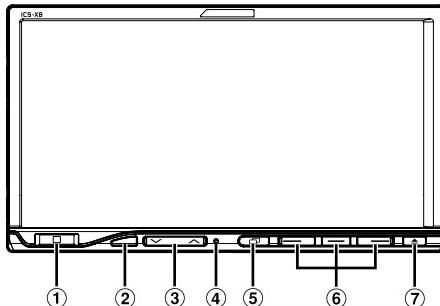
Touch operation

You can operate the system by using the touch panel on the screen.

■ Common onscreen buttons

- ◀ : Returns to the previous screen. Depending on the function, this button may cancel the operations performed on the screen.
- ✖ : Closes the window.

Location of Controls



① Home/⌚ button

Touch the Home button to call up Favorites.
Press the Home button to call up the Home Screen.
Press and hold for at least 5 seconds to turn the power off.

② Remote Sensor

Point the remote control transmitter towards the remote sensor within a range of 2 metres.

③ ▼/▲ button

Press to adjust the volume.

④ RESET switch

The system of this unit is reset.

⑤ □ (Media View) button

- When not using the Navigation system:
If ✖ appears on the screen, pressing the □ button will close the screen in the same way as touching [✖].
- When using the Navigation system:
Pressing toggles between the Navigation screen and Audio/Visual screen.

⑥ Media Control button 1/2/3

This action varies according to the Audio/Visual application. (Track Up/Down, PLAY/PAUSE, Fast reverse/Fast forward, etc)

⑦ ▲ button

Recalls the Open/Tilt screen. Executes display open/close, angle adjustment, and disc eject.

Turning Power On or Off

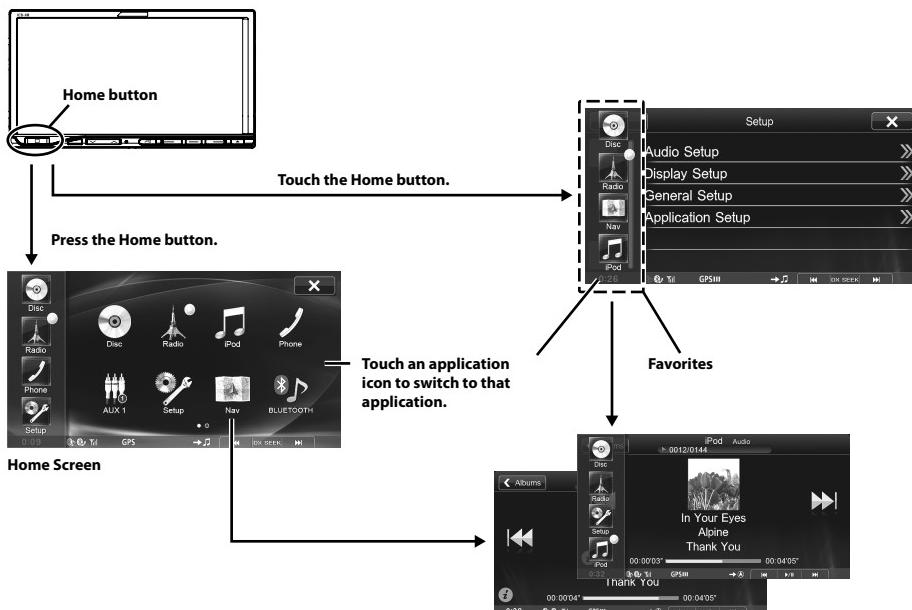
1 Turn the ignition key to the ACC or ON position.

The system is turned on.

2 Press and hold the Home/⌚ button for at least 5 seconds to turn the power off.

Home Screen and Favorites

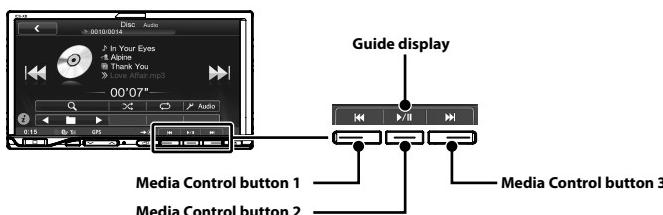
You can easily switch to the application of your choice from the Home Screen or Favorites. The Home Screen displays icons for applications usable with this unit. Favorites is a shortcut function that displays up to 4 icons on the screen you are using. The icon layout is customizable for your convenience.



Using the Media Control buttons

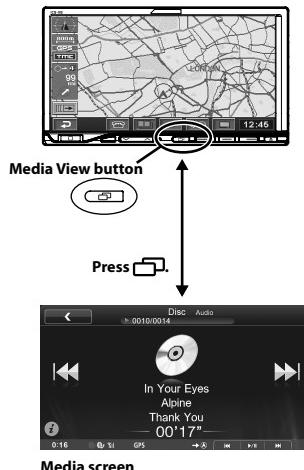
For operations like moving up or down between songs, in addition to using the operation buttons displayed on the screen, you can also use the Media Control buttons on the unit itself. This allows you to press a Media Control button to select a song even if the main screen for the media is not being displayed.

The operation of the Media Control buttons may change depending on the media you are using. A guide will display on the screen to show which switch controls what function.



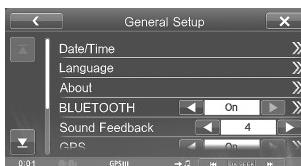
Using the Media View button

You can switch between the Navigation screen and the main screen for the current media source with just one touch.

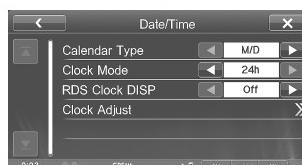


Setting the Time

- 1** Press the Home button.
- 2** Touch [Setup].
- 3** Touch [General Setup].
- 4** Touch [Date/Time].



- 5** Touch [Clock Adjust].

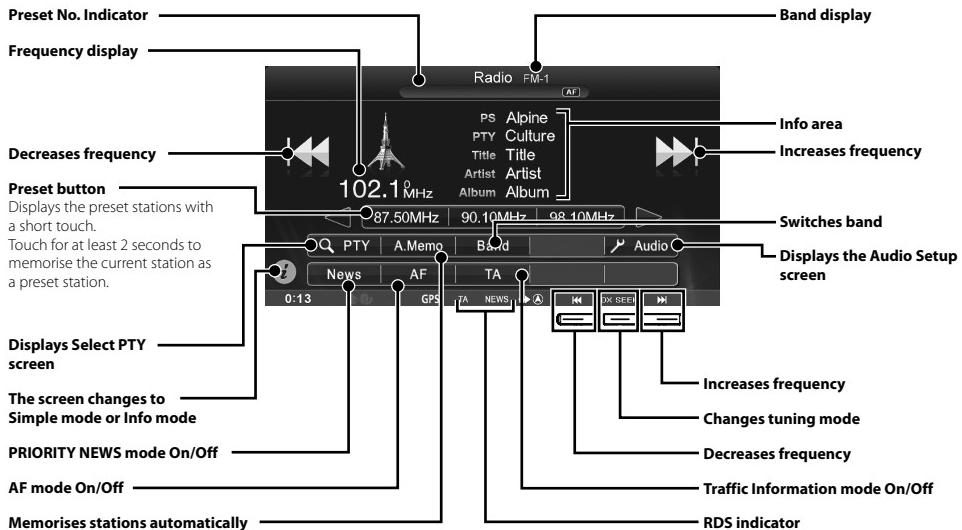


- 6** Touch [\blacktriangleleft] or [\triangleright] of "Year," "Month," "Day," "Hour" and "Minute" to adjust the clock.

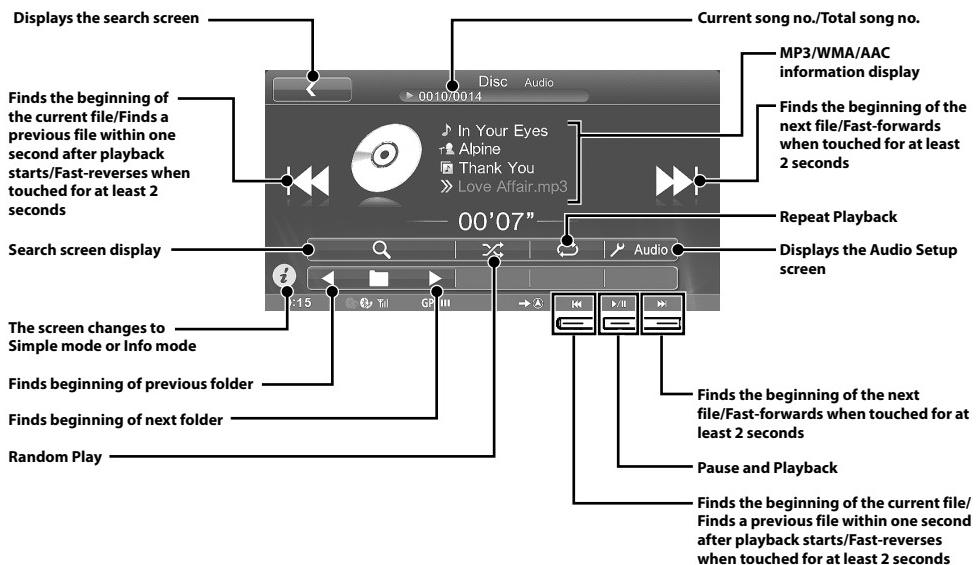


- 7** Touch [X].

Radio Operation



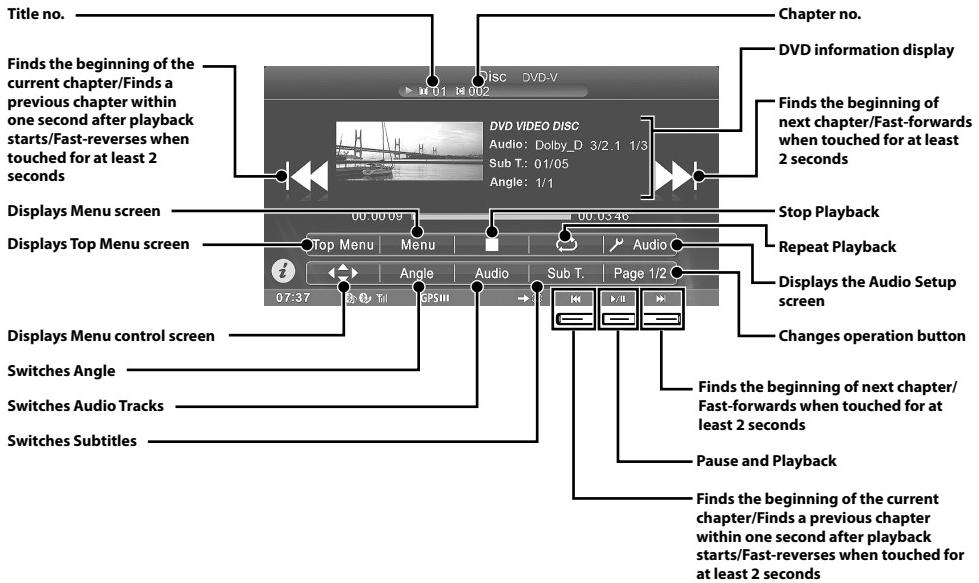
MP3/WMA/AAC Operation



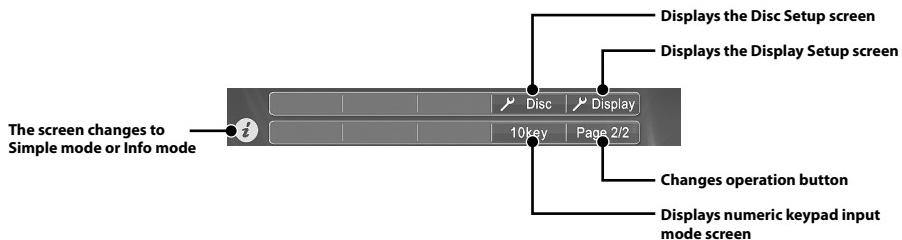
DVD Operation

When you touch the DVD playback screen, the DVD operation screen is displayed. The following is an example of the DVD-VIDEO operation screen.

Operation button 1/2



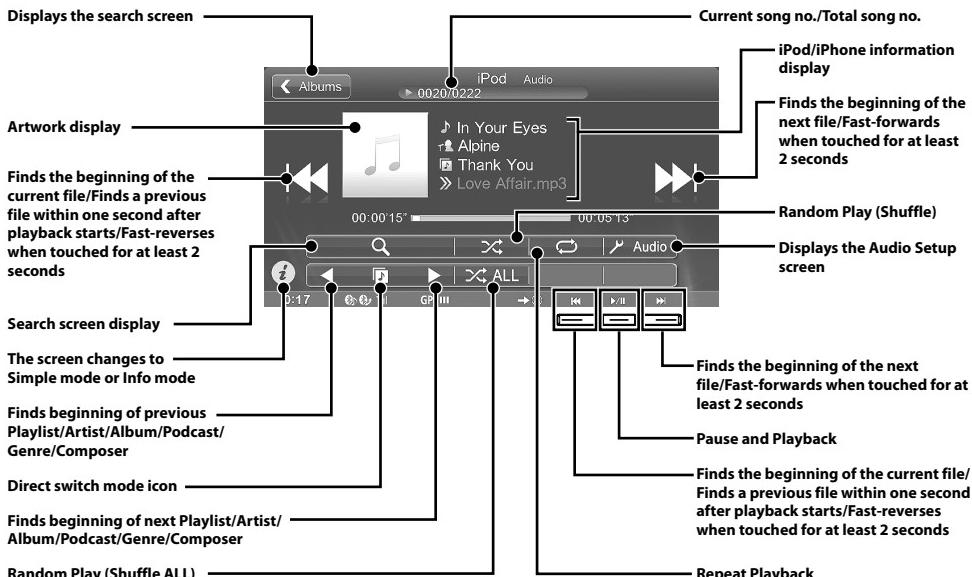
Operation button 2/2



iPod/iPhone Operation (Optional)

An iPod/iPhone can be connected to this unit by using the cable (KCU-461iV) (sold separately). You can connect a video-capable iPod to enjoy not only Music but also Video files.

Audio mode



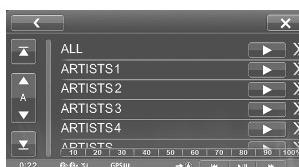
Searching for a Music File

For example: Searching by Artist name

- 1 Touch [Search] (Search) during playback.
- 2 Touch [AUDIO].
- 3 Touch [ARTISTS].



- 4 Touch the selected artist name.



The Albums search screen of the selected artist is displayed.

Touching [▶] of the desired artist will play back all songs of the selected artist.

- 5 Touch the desired album's name.

All songs of the selected album are displayed. Touching [▶] of the desired album will play back all songs of the selected album.

- 6 Touch the desired song's name.

The selected song is played back.

- Touching [▶] of "ALL" will play back all songs in the list.

USB Memory Operation (Optional)

This unit can connect to up to 2 USB memory devices.

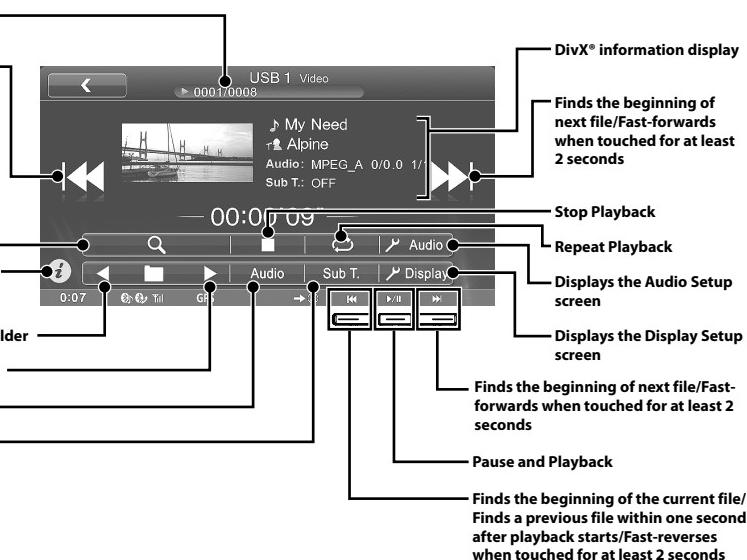
You can play back music files (MP3/WMA/AAC) and video files (DivX®) stored in a USB memory device on the internal player of this system.

Refer to the "MP3/WMA/AAC Operation" (page 6) for information on music.

Video mode

Current file no./Total file no.

Finds the beginning of the current file/Finds a previous file within one second after playback starts/Fast-reverses when touched for at least 2 seconds



Nokia Operation (Optional)

Nokia Drive and Nokia Music applications are made available by connecting compatible Nokia phones to the ICS-X8. The Nokia phone require a specific software to support this feature. To obtain more details about the underlying technology and the compatible phones, please visit www.alpine-europe.com, www.nokia.com.

When using a Nokia application we recommend that you connect the Nokia phone via both USB and BLUETOOTH.

1 Press the Home button.

2 Touch [Nokia Drive] or [Nokia Music].

The screen for the selected application is displayed.

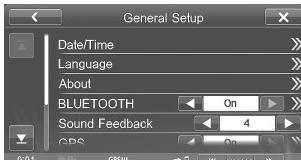
In Nokia Drive, you can use the direct touch function. Nokia Music can be operated by touching the onscreen buttons or pressing the Media Control buttons.

Hands-Free Phone Control

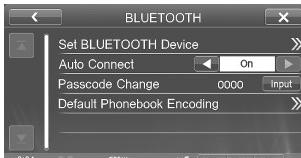
Hands-free calls are possible when using an HFP (Hands-Free Profile) compatible mobile phone with the ICS-X8.

How to connect to a BLUETOOTH compatible device (Pairing)

- 1** Press the Home button.
- 2** Touch [Setup].
- 3** Touch [General Setup].
- 4** Touch [\blacktriangleleft] or [\triangleright] of "BLUETOOTH" to set to "On."



- 5** Touch [BLUETOOTH].
- 6** Touch [Set BLUETOOTH Device].



- 7** Touch [Search] of "No Device."



The Device list displays up to 10 items.

- 8** Touch [Audio], [HFT] or [Both] of the device you want to connect from the list.



Audio: Sets for use as an Audio device.
HFT: Sets for use as a Hands Free Device.
Both: Sets for use as both an Audio device and Hands Free Device.

- 9** When the device registration is complete, a message appears and the device returns to normal mode.

- The BLUETOOTH registration process differs depending on the device version and SSP (Simple Secure Pairing). If a 4 or 6 character Passcode appears on this device, enter the Passcode using the BLUETOOTH compatible device. If a 6 character Passkey appears on this device, make sure the same passkey is displayed on the BLUETOOTH compatible device and touch "Yes."

Answering a Call

- 1** An incoming call triggers the ringtone and an incoming call display.



- 2** Touch [$\text{ } \text{ }$] or press Media Control button 1.

The call starts.

Hanging up the Telephone

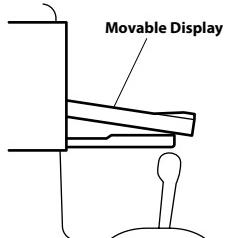
- 1** Touch [$\text{ } \text{ }$] or press Media Control button 3.

The call finishes.

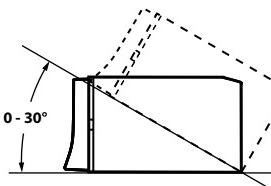
Installation

- When making connections to the vehicle's electrical system, be aware of the factory installed components (e.g. on-board computer). Do not tap into these leads to provide power for this unit. When connecting the ICS-X8 to the fuse box, make sure the fuse for the intended circuit of the ICS-X8 has the appropriate amperage. Failure to do so may result in damage to the unit and/or the vehicle. When in doubt, consult your Alpine dealer.
- The Display must be completely retracted in the casing when installing. If it is not, problems may occur.

1 Before installing, make sure that the opening and closing of the display will not interfere with operation of the gear shift.



2 Install at an angle between horizontal and 30°. Note that installing at an angle outside of this range will result in a loss of performance and possibly damage.

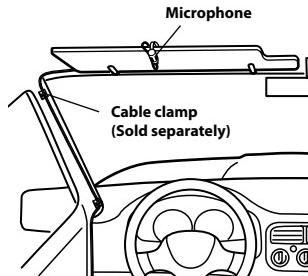


3 Mounting the Microphone.

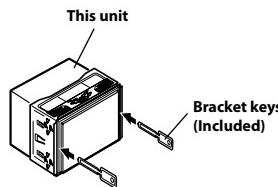
For safe use, make sure of the following:

- location is stable and firm.
- driver's view and operations are not obstructed.
- microphone is located where the driver's voice can be easily picked up (on the sun visor, etc.).

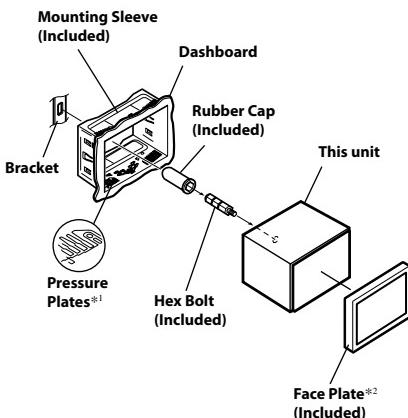
When you speak into the microphone, you should not have to change your driving posture. This may cause a distraction, taking your attention away from safely driving your vehicle. Carefully consider direction and distance while mounting the microphone. Confirm that the driver's voice can be easily picked up at the selected location.



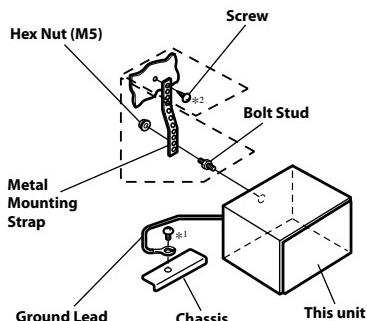
4 Remove the mounting sleeve from the main unit.



Slide the unit into the mounting sleeve and secure it.



Connect all the leads of the ICS-X8 according to details described in the CONNECTION section.



*1 If the installed mounting sleeve is loose in the dashboard, the pressure plates may be bent slightly to remedy the problem.

*2 The supplied face plate may be mounted.

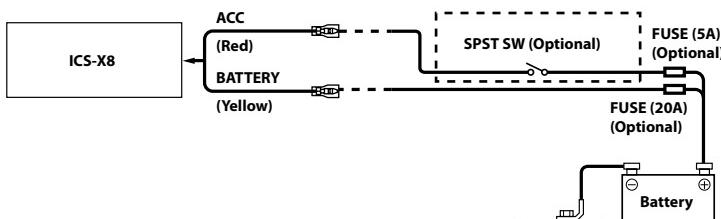
5 When your vehicle has the Bracket, mount the long hex bolt onto the rear panel of the ICS-X8 and put the Rubber Cap on the hex bolt. If your vehicle does not have the Mounting Support, reinforce the head unit with the metal mounting strap (not supplied). Secure the ground lead of the unit to a clean metal spot using a screw (*1) already attached to the vehicle's chassis.

- For the screw marked “*2,” use an appropriate screw for the chosen mounting location.

6 Slide the ICS-X8 into the dashboard until it clicks. This ensures that the unit is properly locked and will not accidentally come out from the dashboard.

Connection Diagram of SPST Switch (sold separately)

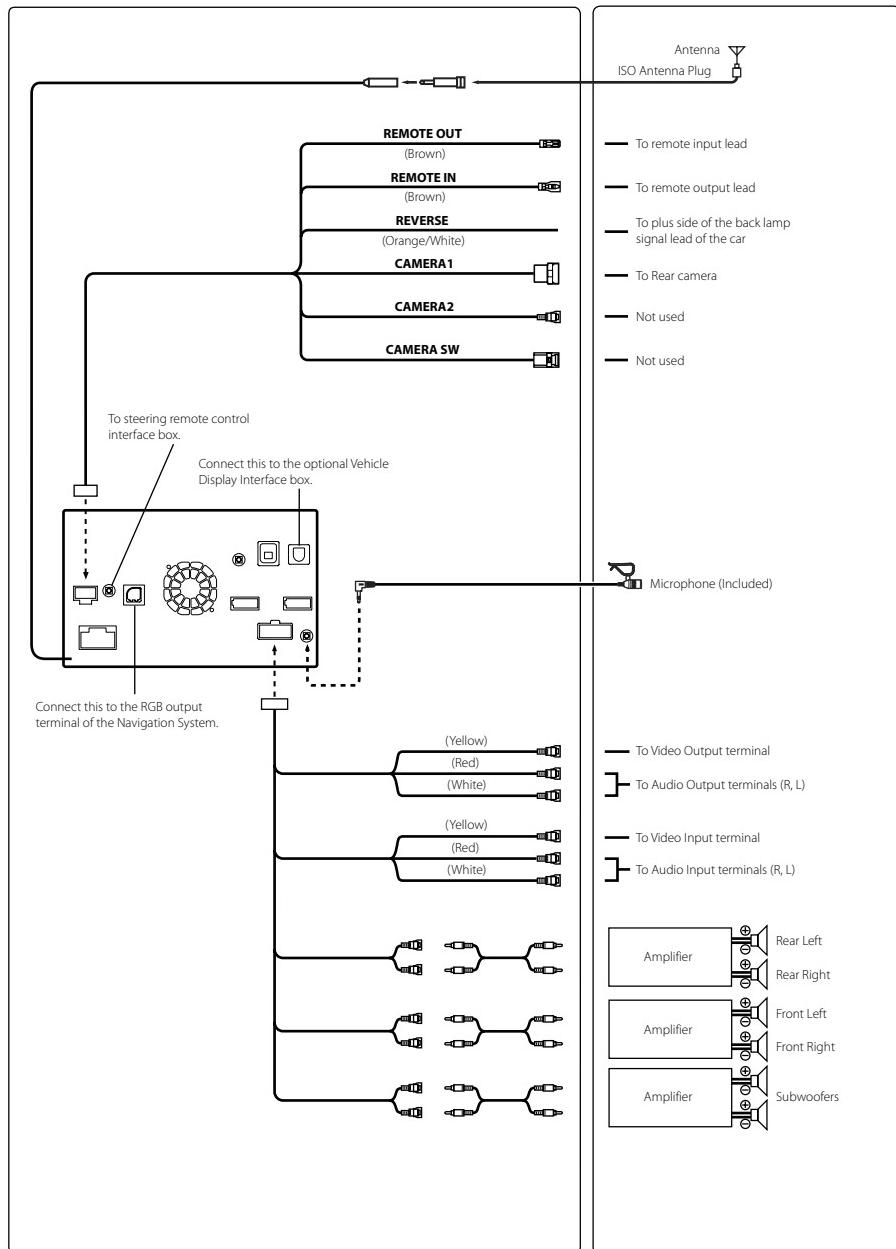
(If the ACC power supply is not available)



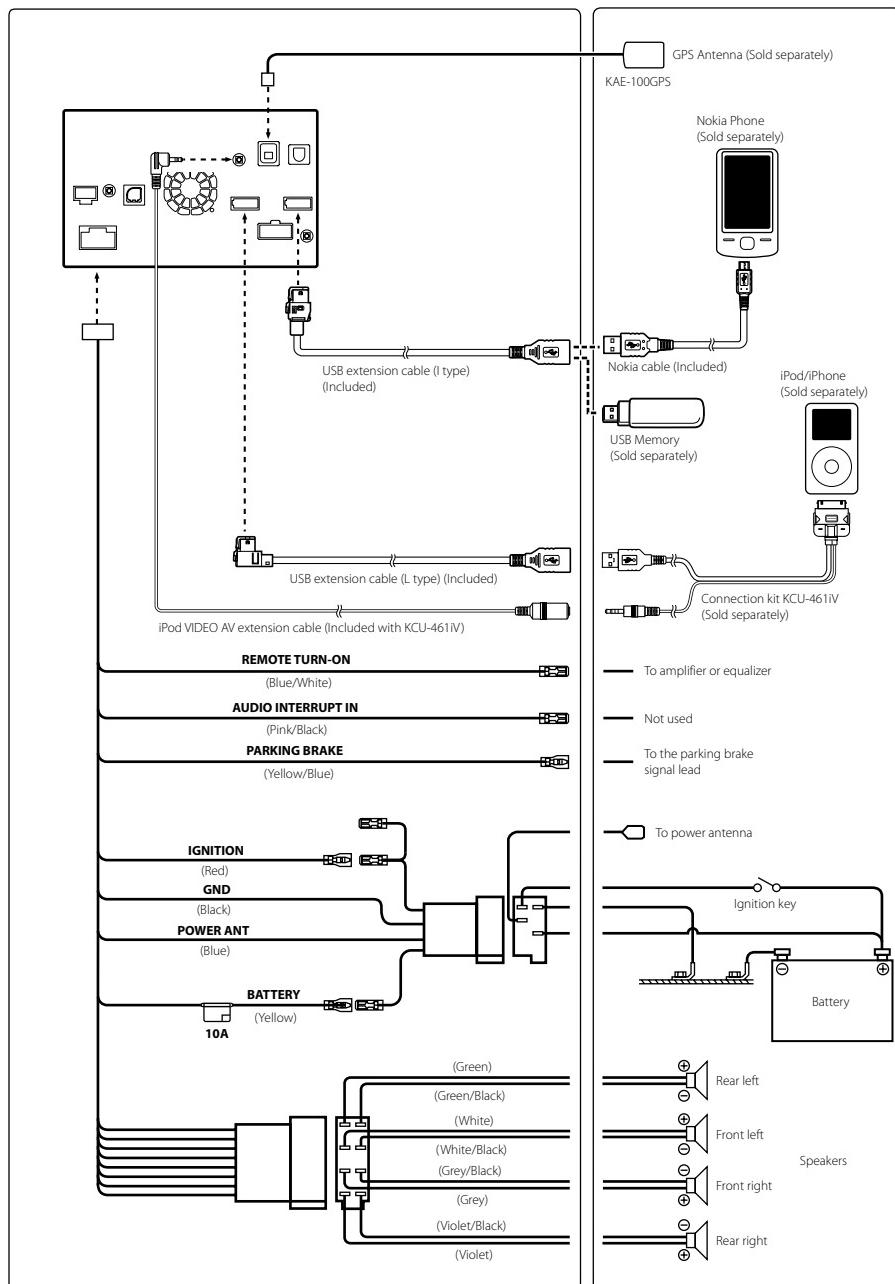
- If your vehicle has no ACC power supply, add an SPST (Single-Pole, Single-Throw) switch (sold separately) and fuse (sold separately).
- The diagram and the fuse amperage shown above are in the case when ICS-X8 is used individually.
- If the switched power (ignition) lead of the ICS-X8 is connected directly to the positive (+) post of the vehicle's battery, the ICS-X8 draws some current (several hundred milliamperes) even when its switch is placed in the OFF position, and the battery may be discharged.

Connections

Connections 1/2



Connections 2/2



Specifications

MONITOR SECTION

Screen Size	7.0"
LCD Type	Transparent type TN LCD
Operation System	TFT active matrix
Number of Picture Elements	1,152,000 pcs. (800 × 3 × 480)

Effective Number of Picture Elements	99% or more
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Illumination System	LED
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FM TUNER SECTION

Tuning Range	87.5 – 108.0 MHz
Mono Usable Sensitivity	8.1 dBf (0.7 μV/75 ohms)
50 dB Quieting Sensitivity	12 dBf (1.1 μV/75 ohms)
Alternate Channel Selectivity	80 dB
Signal-to-Noise Ratio	65 dB
Stereo Separation	35 dB
Capture Ratio	2.0 dB

MW TUNER SECTION

Tuning Range	531 – 1,602 kHz
Usable Sensitivity	25.1 μV/28 dBf

LW TUNER SECTION

Tuning Range	153 – 281 kHz
Sensitivity (IEC Standard)	31.6 μV/30 dB

USB SECTION

USB requirements	USB 1.1/2.0
Max. Power Consumption	1,000 mA
USB Class	USB (Play From Device)/ USB (Mass Storage Class)
File System	FAT12/16/32
MP3 Decoding	MPEG-1/2 AUDIO Layer-3
WMA Decoding	Windows Media™ Audio
AAC Decoding	AAC-LC format ".m4a" file
Number of Channels	2-Channel (Stereo)
Frequency Response*	5-20,000 Hz (±1 dB)
Total Harmonic Distortion	0.008% (at 1 kHz)
Dynamic Range	95 dB (at 1 kHz)
Signal-to-Noise Ratio	100 dB
Channel Separation	85 dB (at 1 kHz)

* Frequency response may differ depending on the encoder software/bit rate.

CD/DVD SECTION

Frequency Response	5 – 20,000 Hz (±1 dB)
Wow & Flutter (% WRMS)	Below measurable limits
Total Harmonic Distortion	0.008% (at 1 kHz)
Dynamic Range	95 dB (at 1 kHz)

Channel Separation	85 dB (at 1 kHz)
Signal system	NTSC/PAL
Horizontal resolution	500 lines or greater
Video output level	1Vp-p (75 ohms)
Video S/N ratio	DVD: 60 dB
Audio S/N ratio	100 dB

PICKUP

Wave length	DVD: 666 nm CD: 785 nm
Laser power	CLASS II

GPS SECTION

GPS Reception frequency	1575.42 ±1 MHz
GPS Reception sensitivity	-130 dB max.

BLUETOOTH SECTION

BLUETOOTH Specification	Bluetooth V2.1+EDR
Output Power	+4 dBm Max. (Power class 2)
Profile	HFP (Hands-Free Profile) OPP (Object Push Profile) PBAP (Phone Book Access Profile) A2DP (Advanced Audio Distribution Profile) AVRCP (Audio/Video Remote Control Profile)

GENERAL

Power Requirement	14.4 V DC (11–16 V allowable)
Operating temperature	-4°F to +140°F (-20°C to + 60°C)
Maximum Power Output	50 W × 4
Output Voltage	4,000 mV/10k ohms
Weight	2.6 kg (5 lbs. 12 oz)
Audio output level	Preout (Front, Rear): 4V/10k ohms (max.) Preout (Subwoofer): 4V/10k ohms (max.) AUX OUT: 1.2V/10k ohms

CHASSIS SIZE

Width	178 mm (7")
Height	100 mm (3-7/8")
Depth	159 mm (6-1/4")

- Due to continuous product improvement, specifications and design are subject to change without notice.
- The LCD panel is manufactured using an extremely high precision manufacturing technology. Its effective pixel ratio is over 99.99%. This means that there is a possibility that 0.01% of the pixels could be either always ON or OFF.

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